

Federal Communications Commission

§ 80.207

used with AMTS or hand-held portable transmitters.

[51 FR 31213, Sept. 2, 1986, as amended at 53 FR 41434, Oct. 28, 1987; 53 FR 37308, Sept. 26, 1988; 54 FR 31839, Aug. 2, 1989; 56 FR 3787, Jan. 31, 1991; 56 FR 57496, Nov. 12, 1991; 56 FR 57988, Nov. 15, 1991; 57 FR 8727, Mar. 12, 1992; 62 FR 40305, July 28, 1997; 63 FR 36606, July 7, 1998]

EFFECTIVE DATE NOTE: At 63 FR 36606, July 7, 1998, section 80.203, paragraph (a) was amended by removing the term "type accepted" and adding in its place "certificated" in the first sentence, removing the term "type acceptance" and adding in its place "certification" in the second sentence, and removing the term "type accepted or type approved" and adding in its place "authorized" in the last sentence. Paragraphs (d), (f), (h), (g), (i), (j), (k), (l) and (m)(2) were amended by removing the term "type accepted" each place it appears and adding in its place "certificated" and removing the term "type acceptance" each place it appears and adding in its place "certification". Paragraph (k) was amended by removing the last sentence, effective Oct. 5, 1998.

§ 80.205 Bandwidths.

(a) An emission designator shows the necessary bandwidth for each class of emission of a station except that in ship earth stations it shows the occupied or necessary bandwidth, whichever is greater. The following table gives the class of emission and corresponding emission designator and authorized bandwidth:

Class of emission	Emission designator	Authorized bandwidth (kHz)
A1A	160HA1A	0.4
A1B ¹	160HA1B	0.4
A1D ¹²	16K0A1D	20.0
A2A	2K66A2A	2.8
A2B ¹	2K66A2B	2.8
A2D ¹²	16K0A2D	20.0
A3E	6K00A3E	8.0
A3N ²	2K66A3N	2.8
A3X ³	3K20A3X	25.0
F1B ⁴	280HF1B	0.3
F1B ⁵	300HF1B	0.5
F1B ⁶	16K0F1B	20.0
F1C	2K80F1C	3.0
F1D ¹²	16K0F1D	20.0
F2B ⁶	16K0F2B	20.0
F2C ⁷	16K0F2C	20.0
F2D ¹²	16K0F2D	20.0
F3C	2K80F3C	3.0
F3C ⁷	16K0F3C	20.0
F3E ⁸	16K0F3E	20.0
F3N ⁹	20M0F3N	20,000.0
G1D ¹²	16K0G1D	20.0
G2D ¹²	16K0G2D	20.0
G3D ¹⁰	16K0G3D	20.0
G3E ⁸	16K0G3E	20.0
G3N ^{3 13}	16K0G3N	20.0

Class of emission	Emission designator	Authorized bandwidth (kHz)
H2A	1K40H2A	2.8
H2B ¹	1K40H2B	2.8
H3E ¹¹	2K80H3E	3.0
H3N	2K66H3N	2.8
J2A	160HJ2A	0.4
J2B ⁴	280HJ2B	0.3
J2B ⁵	300HJ2B	0.5
J2B	2K80J2B	3.0
J2C	2K80J2C	3.0
J3C	2K80J3C	3.0
J3E ¹¹	2K80J3E	3.0
J3N	160HJ3N	0.4
NON	NON	0.4
PON	(¹²)	(¹²)
R3E ¹¹	2K80R3E	3.0

¹On 500 kHz and 2182 kHz A1B, A2B, H2B and J2B emissions indicate transmission of the auto alarm signals.

²Applicable only to transmissions in the 405–525 kHz band for direction finding.

³Applicable only to EPIRB's.

⁴Radioprinter transmissions for communications with private coast stations.

⁵NB–DP radiotelegraph and data transmissions for communications with public coast stations.

⁶Applicable only to radioprinter and data in the 156–162 MHz band and radioprinter in the 216–220 MHz band.

⁷Applicable only to facsimile in the 156–162 MHz and 216–220 MHz bands.

⁸Applicable only when maximum frequency deviation is 5 kHz. See also paragraph (b) of this section.

⁹Applicable only to marine hand-held radar.

¹⁰Applicable only to on-board frequencies for maneuvering or navigation.

¹¹Transmitters approved prior to December 31, 1969, for emission H3E, J3E and R3E and an authorized bandwidth of 3.5 kHz may continue to be operated. These transmitters will not be authorized in new installations.

¹²Applicable to radiolocation and associated telecommand ship stations operating on 154.585 MHz, 159.480 MHz, 160.725 MHz, 160.785 MHz, 454.000 MHz, and 459.000 MHz; emergency position indicating radiobeacons operating in the 406.000–406.1000 MHz frequency band; and data transmissions in the 156–162 MHz band.

¹³Class C EPIRB stations may not be used after February 1, 1999.

(b) For land stations the maximum authorized frequency deviation for F3E or G3E emission is as follows:

(1) 5 kHz in the 72.0–73.0 MHz, 75.4–76.0 MHz and 156–162 MHz bands;

(2) 15 kHz for stations which were authorized for operation before December 1, 1961, in the 73.0–74.6 MHz band.

[51 FR 31213, Sept. 2, 1986, as amended at 52 FR 7418, Mar. 11, 1987; 53 FR 37308, Sept. 26, 1988; 56 FR 11516, Mar. 19, 1991; 57 FR 43407, Sept. 21, 1992; 58 FR 33344, June 17, 1993; 59 FR 7714, Feb. 16, 1994; 62 FR 40305, July 28, 1997; 63 FR 36606, July 7, 1998]

EFFECTIVE DATE NOTE: At 63 FR 36606, July 7, 1998, § 80.205, paragraph (a), footnote 11 was amended by removing the term "type accepted" and adding in its place "approved", effective Oct. 5, 1998.

§ 80.207 Classes of emission.

(a) Authorization to use radio-telephone and radiotelegraph emissions by ship and coast stations includes the